

# EDI

## NEMA 12/4 CONTEMPORARY ENCLOSURE, SERIES Q4

### **Application:**

- Suitable for housing electrical and electronic controls, instrumentation, and related wiring
- Contemporary design with concealed hinges and quarter turn latches allows for easy access to internal components
- Designed for indoor or outdoor use and will protect components from dust, dirt, oil, and hose directed water

### **Enclosure features:**

- Fabricated from 14 gauge steel with seam welds that are ground smooth
- Door is also fabricated from 14 gauge steel
- Door has concealed hinges and is held closed with one or more quarter turn latches
- Includes a removable 12 gauge steel sub plate
- Door gasket is 1/4" x 3/4" Poron minimizing compression set
- Ground studs are included on both the door and enclosure body
- Enclosure is finished in ANSI-61 grey polyester powder coating over a phosphated surface
- Sub plate is finished in a white polyester powder coating over a phosphated surface

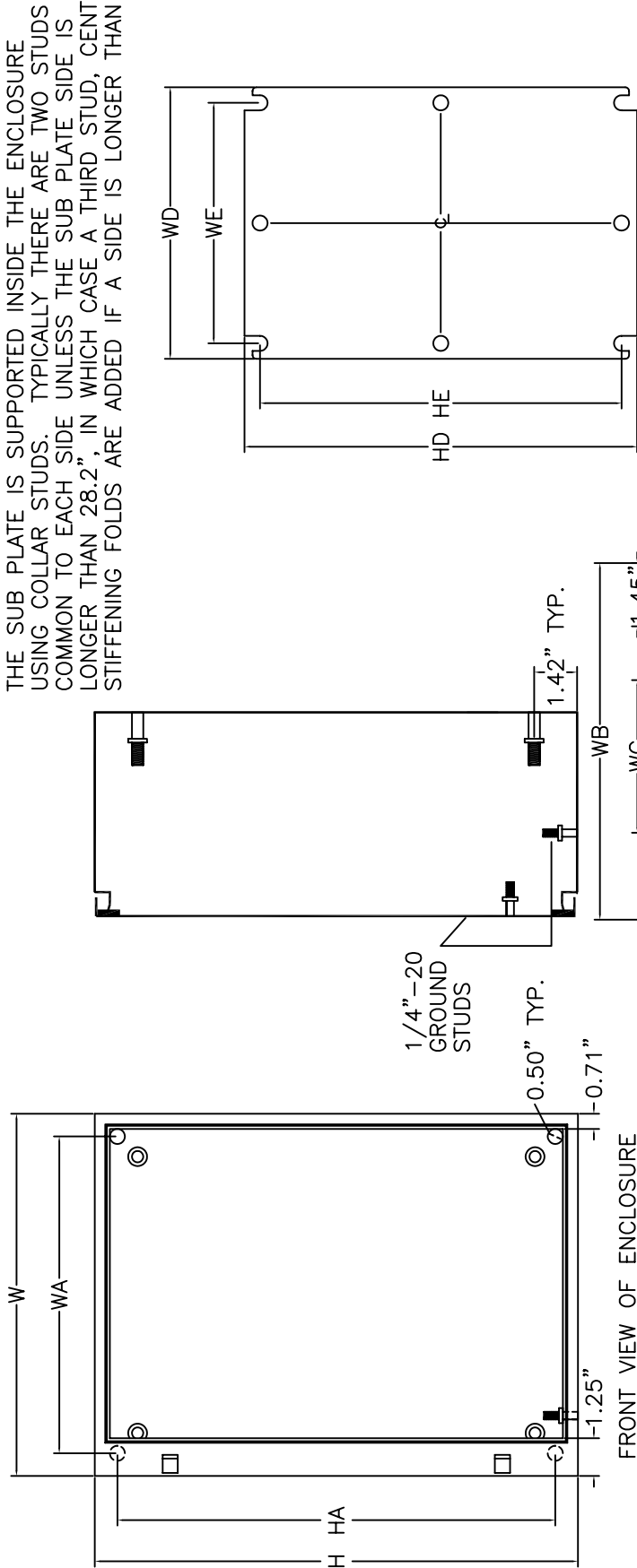
### **Industry Standards:**

- NEMA 12 and 4
- CSA Type 12 and 4
- UL Type 12 and 4

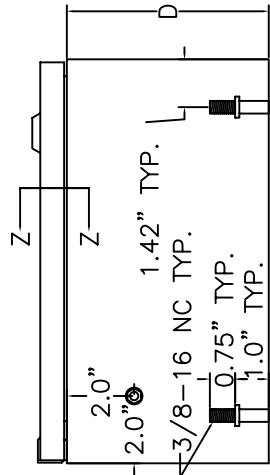
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THE SUB PLATE IS SUPPORTED INSIDE THE ENCLOSURE USING COLLAR STUDS. TYPICALLY THERE ARE TWO STUDS COMMON TO EACH SIDE UNLESS THE SUB PLATE SIDE IS LONGER THAN 28.2", IN WHICH CASE A THIRD STUD, CENTRED, IS ADDED. STIFFENING FOLDS ARE ADDED IF A SIDE IS LONGER THAN 22.2".

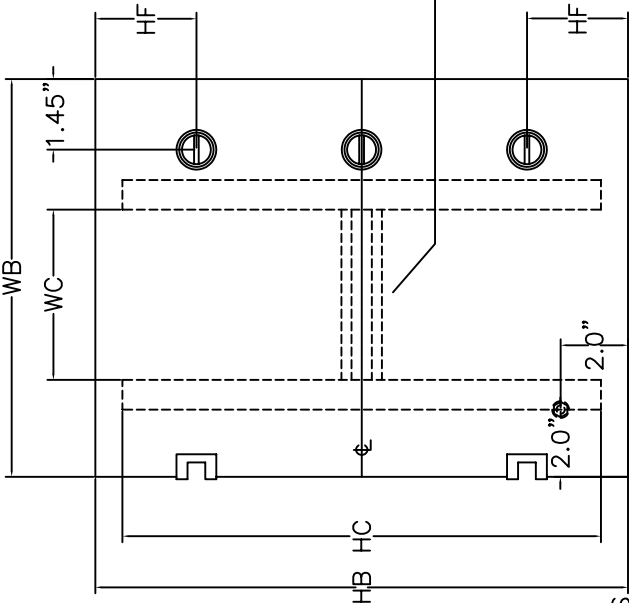


FRONT VIEW OF ENCLOSURE WITH DOOR REMOVED

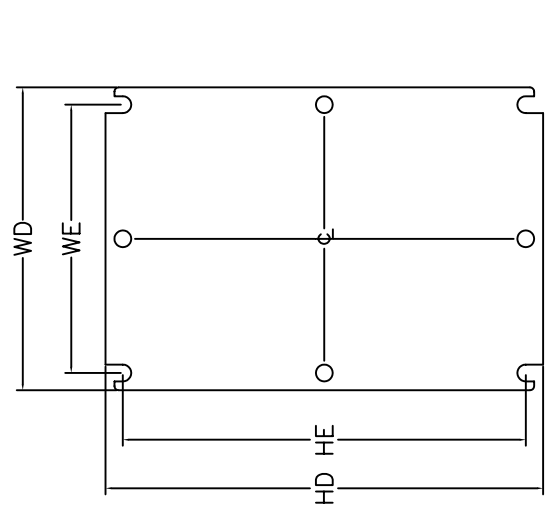


SECTION Z-Z  
0.25" X 0.75" GASKET INSIDE PERIMETER OF DOOR

1/4"-20 GROUND STUDS



VIEW OF DOOR REMOVED



ENCLOSURES WITH ONE OR THREE LATCHES WILL HAVE AT LEAST ONE LATCH CENTRED. ENCLOSURES WITH TWO OR THREE LATCHES WILL HAVE AT LEAST TWO LATCHES LOCATED AT A DISTANCE HF FROM THE TOP AND BOTTOM OF THE ENCLOSURE BODY.

A HORIZONTAL DOOR BAR AND TWO VERTICAL DOOR BARS ARE ADDED IF THE ENCLOSURE HEIGHT OR WIDTH IS GREATER THAN 36".

NOTE 1: ALL GROUND STUDS AND COLLAR STUDS ARE SUPPLIED WITH NUTS AND WASHERS

REV	DESCRIPTION	DATE	APPL
	<b>EDI</b>		
NEMA 12/4.4X WALL MOUNT ENCLOSURE WITH QUARTER TURN LATCHING			
MODEL NUMBER SERIES Q4			

**EDI****NEMA 4/12 Contemporary Enclosure - Series Q4**

<b>H</b>	<b>W</b>	<b>D</b>	<b>Model</b>	<b>Weight</b>	<b>HA</b>	<b>WA</b>	<b>HB</b>	<b>WB</b>	<b>HC</b>	<b>WC</b>	<b>HD</b>	<b>WD</b>	<b>HE</b>	<b>WE</b>	<b>HF</b>	<b>LATCHES</b>
12	12	6	Q4121206	26	10.5	10.5	11.82	11.82	N/A	N/A	10.2	10.2	9.16	9.16	N/A	1
12	12	8	Q4121208	27	10.5	10.5	11.82	11.82	N/A	N/A	10.2	10.2	9.16	9.16	N/A	1
12	12	10	Q4121210	28	10.5	10.5	11.82	11.82	N/A	N/A	10.2	10.2	9.16	9.16	N/A	1
12	16	6	Q4121606	28	10.5	14.5	11.82	15.82	N/A	N/A	10.2	14.2	9.16	13.16	N/A	1
12	16	8	Q4121608	29	10.5	14.5	11.82	15.82	N/A	N/A	10.2	14.2	9.16	13.16	N/A	1
12	16	10	Q4121610	30	10.5	14.5	11.82	15.82	N/A	N/A	10.2	14.2	9.16	13.16	N/A	1
12	20	6	Q4122006	32	10.5	18.5	11.82	19.82	N/A	N/A	10.2	18.2	9.16	17.16	N/A	1
12	20	8	Q4122008	35	10.5	18.5	11.82	19.82	N/A	N/A	10.2	18.2	9.16	17.16	N/A	1
12	20	10	Q4122010	38	10.5	18.5	11.82	19.82	N/A	N/A	10.2	18.2	9.16	17.16	N/A	1
12	24	6	Q4122406	38	10.5	22.5	11.82	23.82	N/A	N/A	10.2	22.2	9.16	21.16	N/A	1
12	24	8	Q4122408	40	10.5	22.5	11.82	23.82	N/A	N/A	10.2	22.2	9.16	21.16	N/A	1
12	24	10	Q4122410	42	10.5	22.5	11.82	23.82	N/A	N/A	10.2	22.2	9.16	21.16	N/A	1
16	12	6	Q4161206	28	14.5	10.5	15.82	11.82	N/A	N/A	14.2	10.2	13.16	9.16	N/A	1
16	12	8	Q4161208	29	14.5	10.5	15.82	11.82	N/A	N/A	14.2	10.2	13.16	9.16	N/A	1
16	12	10	Q4161210	30	14.5	10.5	15.82	11.82	N/A	N/A	14.2	10.2	13.16	9.16	N/A	1
16	16	6	Q4161606	32	14.5	14.5	15.82	15.82	N/A	N/A	14.2	14.2	13.16	13.16	N/A	1
16	16	8	Q4161608	34	14.5	14.5	15.82	15.82	N/A	N/A	14.2	14.2	13.16	13.16	N/A	1
16	16	10	Q4161610	36	14.5	14.5	15.82	15.82	N/A	N/A	14.2	14.2	13.16	13.16	N/A	1
16	20	6	Q4162006	38	14.5	18.5	15.82	19.82	N/A	N/A	14.2	18.2	13.16	17.16	N/A	1

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**EDI****NEMA 4/12 Contemporary Enclosure - Series Q4**

<b>H</b>	<b>W</b>	<b>D</b>	<b>Model</b>	<b>Weight</b>	<b>HA</b>	<b>WA</b>	<b>HB</b>	<b>WB</b>	<b>HC</b>	<b>WC</b>	<b>HD</b>	<b>WD</b>	<b>HE</b>	<b>WE</b>	<b>HF</b>	<b>LATCHES</b>
16	20	8	Q4162008	41	14.5	18.5	15.82	19.82	N/A	N/A	14.2	18.2	13.16	17.16	N/A	1
16	20	10	Q4162010	44	14.5	18.5	15.82	19.82	N/A	N/A	14.2	18.2	13.16	17.16	N/A	1
16	24	6	Q4162406	46	14.5	22.5	15.82	23.82	N/A	N/A	14.2	22.2	13.16	21.16	N/A	1
16	24	8	Q4162408	50	14.5	22.5	15.82	23.82	N/A	N/A	14.2	22.2	13.16	21.16	N/A	1
16	24	10	Q4162410	54	14.5	22.5	15.82	23.82	N/A	N/A	14.2	22.2	13.16	21.16	N/A	1
20	12	6	Q4201206	32	18.5	10.5	19.82	11.82	N/A	N/A	18.2	10.2	17.16	9.16	N/A	1
20	12	8	Q4201208	35	18.5	10.5	19.82	11.82	N/A	N/A	18.2	10.2	17.16	9.16	N/A	1
20	12	10	Q4201210	38	18.5	10.5	19.82	11.82	N/A	N/A	18.2	10.2	17.16	9.16	N/A	1
20	16	6	Q4201606	38	18.5	14.5	19.82	15.82	N/A	N/A	18.2	14.2	17.16	13.16	N/A	1
20	16	8	Q4201608	41	18.5	14.5	19.82	15.82	N/A	N/A	18.2	14.2	17.16	13.16	N/A	1
20	16	10	Q4201610	44	18.5	14.5	19.82	15.82	N/A	N/A	18.2	14.2	17.16	13.16	N/A	1
20	20	6	Q4202006	48	18.5	18.5	19.82	19.82	N/A	N/A	18.2	18.2	17.16	17.16	N/A	1
20	20	8	Q4202008	50	18.5	18.5	19.82	19.82	N/A	N/A	18.2	18.2	17.16	17.16	N/A	1
20	20	10	Q4202010	52	18.5	18.5	19.82	19.82	N/A	N/A	18.2	18.2	17.16	17.16	N/A	1
20	24	6	Q4202406	54	18.5	22.5	19.82	23.82	N/A	N/A	18.2	22.2	17.16	21.16	N/A	1
20	24	8	Q4202408	58	18.5	22.5	19.82	23.82	N/A	N/A	18.2	22.2	17.16	21.16	N/A	1
20	24	10	Q4202410	64	18.5	22.5	19.82	23.82	N/A	N/A	18.2	22.2	17.16	21.16	N/A	1
20	30	6	Q4203006	66	18.5	28.5	19.82	29.82	N/A	N/A	18.2	28.2	17.16	27.16	N/A	1
20	30	8	Q4203008	70	18.5	28.5	19.82	29.82	N/A	N/A	18.2	28.2	17.16	27.16	N/A	1

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<b>H</b>	<b>W</b>	<b>D</b>	<b>Model</b>	<b>Weight</b>	<b>HA</b>	<b>WA</b>	<b>HB</b>	<b>WB</b>	<b>HC</b>	<b>WC</b>	<b>HD</b>	<b>WD</b>	<b>HE</b>	<b>WE</b>	<b>HF</b>	<b>LATCHES</b>
20	30	10	Q4203010	76	18.5	28.5	19.82	29.82	N/A	N/A	18.2	28.2	17.16	27.16	N/A	1
20	30	12	Q4203012	82	18.5	28.5	19.82	29.82	N/A	N/A	18.2	28.2	17.16	27.16	N/A	1
20	36	8	Q4203608	90	18.5	34.5	19.82	35.82	N/A	N/A	18.2	34.2	17.16	33.16	N/A	1
20	36	10	Q4203610	96	18.5	34.5	19.82	35.82	N/A	N/A	18.2	34.2	17.16	33.16	N/A	1
20	36	12	Q4203612	102	18.5	34.5	19.82	35.82	N/A	N/A	18.2	34.2	17.16	33.16	N/A	1
20	36	16	Q4203616	110	18.5	34.5	19.82	35.82	N/A	N/A	18.2	34.2	17.16	33.16	N/A	1
24	12	6	Q4241206	38	22.5	10.5	23.82	11.82	N/A	N/A	22.2	10.2	21.16	9.16	5	2
24	12	8	Q4241208	40	22.5	10.5	23.82	11.82	N/A	N/A	22.2	10.2	21.16	9.16	5	2
24	12	10	Q4241210	42	22.5	10.5	23.82	11.82	N/A	N/A	22.2	10.2	21.16	9.16	5	2
24	16	6	Q4241606	46	22.5	14.5	23.82	15.82	N/A	N/A	22.2	14.2	21.16	13.16	5	2
24	16	8	Q4241608	50	22.5	14.5	23.82	15.82	N/A	N/A	22.2	14.2	21.16	13.16	5	2
24	16	10	Q4241610	54	22.5	14.5	23.82	15.82	N/A	N/A	22.2	14.2	21.16	13.16	5	2
24	20	6	Q4242006	54	22.5	18.5	23.82	19.82	N/A	N/A	22.2	18.2	21.16	17.16	5	2
24	20	8	Q4242008	58	22.5	18.5	23.82	19.82	N/A	N/A	22.2	18.2	21.16	17.16	5	2
24	20	10	Q4242010	64	22.5	18.5	23.82	19.82	N/A	N/A	22.2	18.2	21.16	17.16	5	2
24	24	6	Q4242406	62	22.5	22.5	23.82	23.82	N/A	N/A	22.2	22.2	21.16	21.16	5	2
24	24	8	Q4242408	68	22.5	22.5	23.82	23.82	N/A	N/A	22.2	22.2	21.16	21.16	5	2
24	24	10	Q4242410	73	22.5	22.5	23.82	23.82	N/A	N/A	22.2	22.2	21.16	21.16	5	2
24	24	12	Q4242412	78	22.5	22.5	23.82	23.82	N/A	N/A	22.2	22.2	21.16	21.16	5	2

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## NEMA 4/12 Contemporary Enclosure - Series Q4

H	W	D	Model	Weight	HA	WA	HB	WB	HC	WC	HD	WD	HE	WE	HF	LATCHES
24	30	6	Q4243006	76	22.5	28.5	23.82	29.82	N/A	N/A	22.2	28.2	21.16	27.16	5	2
24	30	8	Q4243008	82	22.5	28.5	23.82	29.82	N/A	N/A	22.2	28.2	21.16	27.16	5	2
24	30	10	Q4243010	86	22.5	28.5	23.82	29.82	N/A	N/A	22.2	28.2	21.16	27.16	5	2
24	30	12	Q4243012	90	22.5	28.5	23.82	29.82	N/A	N/A	22.2	28.2	21.16	27.16	5	2
24	36	8	Q4243608	96	22.5	34.5	23.82	35.82	N/A	N/A	22.2	34.2	21.16	33.16	5	2
24	36	10	Q4243610	105	22.5	34.5	23.82	35.82	N/A	N/A	22.2	34.2	21.16	33.16	5	2
24	36	12	Q4243612	108	22.5	34.5	23.82	35.82	N/A	N/A	22.2	34.2	21.16	33.16	5	2
24	36	16	Q4243616	112	22.5	34.5	23.82	35.82	N/A	N/A	22.2	34.2	21.16	33.16	5	2
30	16	6	Q4301606	56	28.5	14.5	29.82	15.82	N/A	N/A	28.2	14.2	27.16	13.16	5	2
30	16	8	Q4301608	60	28.5	14.5	29.82	15.82	N/A	N/A	28.2	14.2	27.16	13.16	5	2
30	16	10	Q4301610	64	28.5	14.5	29.82	15.82	N/A	N/A	28.2	14.2	27.16	13.16	5	2
30	16	12	Q4301612	68	28.5	14.5	29.82	15.82	N/A	N/A	28.2	14.2	27.16	13.16	5	2
30	20	6	Q4302006	66	28.5	18.5	29.82	19.82	N/A	N/A	28.2	18.2	27.16	17.16	5	2
30	20	8	Q4302008	70	28.5	18.5	29.82	19.82	N/A	N/A	28.2	18.2	27.16	17.16	5	2
30	20	10	Q4302010	76	28.5	18.5	29.82	19.82	N/A	N/A	28.2	18.2	27.16	17.16	5	2
30	20	12	Q4302012	82	28.5	18.5	29.82	19.82	N/A	N/A	28.2	18.2	27.16	17.16	5	2
30	24	6	Q4302406	76	28.5	22.5	29.82	23.82	N/A	N/A	28.2	22.2	27.16	21.16	5	2
30	24	8	Q4302408	82	28.5	22.5	29.82	23.82	N/A	N/A	28.2	22.2	27.16	21.16	5	2
30	24	10	Q4302410	86	28.5	22.5	29.82	23.82	N/A	N/A	28.2	22.2	27.16	21.16	5	2

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30	24	12	Q4302412	90	28.5	22.5	29.82	23.82	N/A	N/A	28.2	22.2	27.16	21.16	5	2
30	30	6	Q4303006	96	28.5	28.5	29.82	29.82	N/A	N/A	28.2	28.2	27.16	27.16	5	2
30	30	8	Q4303008	102	28.5	28.5	29.82	29.82	N/A	N/A	28.2	28.2	27.16	27.16	5	2
30	30	10	Q4303010	108	28.5	28.5	29.82	29.82	N/A	N/A	28.2	28.2	27.16	27.16	5	2
30	30	12	Q4303012	114	28.5	28.5	29.82	29.82	N/A	N/A	28.2	28.2	27.16	27.16	5	2
30	36	8	Q4303608	120	28.5	34.5	29.82	35.82	N/A	N/A	28.2	34.2	27.16	33.16	5	2
30	36	10	Q4303610	124	28.5	34.5	29.82	35.82	N/A	N/A	28.2	34.2	27.16	33.16	5	2
30	36	12	Q4303612	132	28.5	34.5	29.82	35.82	N/A	N/A	28.2	34.2	27.16	33.16	5	2
30	36	16	Q4303616	140	28.5	34.5	29.82	35.82	N/A	N/A	28.2	34.2	27.16	33.16	5	2
36	20	8	Q4362008	90	34.5	18.5	35.82	19.82	N/A	N/A	34.2	18.2	33.16	17.16	5	2
36	20	10	Q4362010	96	34.5	18.5	35.82	19.82	N/A	N/A	34.2	18.2	33.16	17.16	5	2
36	20	12	Q4362012	102	34.5	18.5	35.82	19.82	N/A	N/A	34.2	18.2	33.16	17.16	5	2
36	20	16	Q4362016	110	34.5	18.5	35.82	19.82	N/A	N/A	34.2	18.2	33.16	17.16	5	2
36	24	8	Q4362408	96	34.5	22.5	35.82	23.82	N/A	N/A	34.2	22.2	33.16	21.16	5	2
36	24	10	Q4362410	105	34.5	22.5	35.82	23.82	N/A	N/A	34.2	22.2	33.16	21.16	5	2
36	24	12	Q4362412	108	34.5	22.5	35.82	23.82	N/A	N/A	34.2	22.2	33.16	21.16	5	2
36	24	16	Q4362416	112	34.5	22.5	35.82	23.82	N/A	N/A	34.2	22.2	33.16	21.16	5	2
36	30	8	Q4363008	120	34.5	28.5	35.82	29.82	N/A	N/A	34.2	28.2	33.16	27.16	5	2
36	30	10	Q4363010	124	34.5	28.5	35.82	29.82	N/A	N/A	34.2	28.2	33.16	27.16	5	2

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36	30	12	Q4363012	132	34.5	28.5	35.82	29.82	N/A	N/A	34.2	28.2	33.16	27.16	5	2
36	30	16	Q4363016	140	34.5	28.5	35.82	29.82	N/A	N/A	34.2	28.2	33.16	27.16	5	2
36	36	8	Q4363608	142	34.5	34.5	35.82	35.82	N/A	N/A	34.2	34.2	33.16	33.16	5	2
36	36	10	Q4363610	148	34.5	34.5	35.82	35.82	N/A	N/A	34.2	34.2	33.16	33.16	5	2
36	36	12	Q4363612	156	34.5	34.5	35.82	35.82	N/A	N/A	34.2	34.2	33.16	33.16	5	2
36	36	16	Q4363616	166	34.5	34.5	35.82	35.82	N/A	N/A	34.2	34.2	33.16	33.16	5	2
42	24	8	Q4422408	110	40.5	22.5	41.82	23.82	40	21.18	40.2	22.2	39.16	21.16	6	3
42	24	10	Q4422410	116	40.5	22.5	41.82	23.82	40	21.18	40.2	22.2	39.16	21.16	6	3
42	24	12	Q4422412	124	40.5	22.5	41.82	23.82	40	21.18	40.2	22.2	39.16	21.16	6	3
42	24	16	Q4422416	134	40.5	22.5	41.82	23.82	40	21.18	40.2	22.2	39.16	21.16	6	3
42	30	8	Q4423008	132	40.5	28.5	41.82	29.82	40	27.18	40.2	28.2	39.16	27.16	6	3
42	30	10	Q4423010	140	40.5	28.5	41.82	29.82	40	27.18	40.2	28.2	39.16	27.16	6	3
42	30	12	Q4423012	150	40.5	28.5	41.82	29.82	40	27.18	40.2	28.2	39.16	27.16	6	3
42	30	16	Q4423016	160	40.5	28.5	41.82	29.82	40	27.18	40.2	28.2	39.16	27.16	6	3
42	36	8	Q4423608	182	40.5	34.5	41.82	35.82	40	33.18	40.2	34.2	39.16	33.16	6	3
42	36	10	Q4423610	192	40.5	34.5	41.82	35.82	40	33.18	40.2	34.2	39.16	33.16	6	3
42	36	12	Q4423612	198	40.5	34.5	41.82	35.82	40	33.18	40.2	34.2	39.16	33.16	6	3
42	36	16	Q4423616	214	40.5	34.5	41.82	35.82	40	33.18	40.2	34.2	39.16	33.16	6	3
48	24	8	Q4482408	122	46.5	22.5	47.82	23.82	46	21.18	46.2	22.2	45.16	21.16	7	3

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## NEMA 4/12 Contemporary Enclosure - Series Q4

H	W	D	Model	Weight	HA	WA	HB	WB	HC	WC	HD	WD	HE	WE	HF	LATCHES
48	24	10	Q4482410	131	46.5	22.5	47.82	23.82	46	21.18	46.2	22.2	45.16	21.16	7	3
48	24	12	Q4482412	143	46.5	22.5	47.82	23.82	46	21.18	46.2	22.2	45.16	21.16	7	3
48	24	16	Q4482416	157	46.5	22.5	47.82	23.82	46	21.18	46.2	22.2	45.16	21.16	7	3
48	30	8	Q4483008	162	46.5	28.5	47.82	29.82	46	27.18	46.2	28.2	45.16	27.16	7	3
48	30	10	Q4483010	173	46.5	28.5	47.82	29.82	46	27.18	46.2	28.2	45.16	27.16	7	3
48	30	12	Q4483012	187	46.5	28.5	47.82	29.82	46	27.18	46.2	28.2	45.16	27.16	7	3
48	30	16	Q4483016	204	46.5	28.5	47.82	29.82	46	27.18	46.2	28.2	45.16	27.16	7	3
48	36	8	Q4483608	201	46.5	34.5	47.82	35.82	46	33.18	46.2	34.2	45.16	33.16	7	3
48	36	10	Q4483610	208	46.5	34.5	47.82	35.82	46	33.18	46.2	34.2	45.16	33.16	7	3
48	36	12	Q4483612	222	46.5	34.5	47.82	35.82	46	33.18	46.2	34.2	45.16	33.16	7	3
48	36	16	Q4483616	238	46.5	34.5	47.82	35.82	46	33.18	46.2	34.2	45.16	33.16	7	3

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